

**Amendments to the Specification**

Please insert the following new paragraph at page 7, line 21, of the specification as filed:

Figure 5 is an overview of an emulation board.

Please insert the following new paragraphs at page 8, line 11:

An emulation system is composed of an emulation engine, the target system, and supporting facilities, as is seen in Fig. 5. Typically the supporting facilities include a control console, an emulation control processor (e.g., personal computer), emulation monitoring and data capturing facilities.

Selected emulation board connector pins on the emulation board(s) comprising the emulation engine are connected through signal interfacing circuits and connectors on a one-for-one basis to the signal pins of the target system. Thus, each input or output signal of the target system is connected to a specified emulation processor output or input signal. Similarly, emulation processors may be connected to the monitoring and data capturing facilities.